

Please type a plus sign (+) inside this box

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PTO/SB/08A (08-00)
Approved by 10/31/2002 OMB 0651-0031
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	09/672,523
Filing Date	September 27, 2000
First Named Inventor	Kuriacose Joseph, et al.
Group Art Unit	3626
Examiner Name	Kalinowski, A.
Attorney Docket Number	5214P001R

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AL		4,937,863		Robert, et al.	06-26-1990	
AL		5,204,897		Wyman	04-20-1993	
AL		5,260,999		Wyman	11-09-1993	
AL		5,627,940		Rohra, et al.	05-06-1997	
AL		5,640,501		Turpin	06-17-1997	
AL		5,640,577		Scharmer	06-17-1997	
AL		5,664,111		Nahan, et al.	09-02-1997	
AL		5,715,314		Payne, et al.	02-03-1998	
AL		5,715,399		Bezos	02-03-1998	
AL		5,727,163		Bezos	03-10-1998	
AL		5,745,681		Levine, et al.	04-28-1998	
AL		5,758,126		Daniels, et al.	05-26-1998	
AL		5,960,411		Hartman, et al.	09-28-1999	
AL		5,819,034		Joseph, et al.	10-06-1998	
AL		4,247,106		Jeffers, et al.	01-27-1981	
AL		5,003,591		Kauffman, et al.	03-26-1991	
AL		5,440,632		Bacon	08-08-1995	
AL		5,581,270		Smith, et al.	12-03-1996	

RECEIVED

OCT 07 2002

GROUP 3600

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office*	Number	Kind Code ⁴ (if known)				
AL		EP	0845747	A2	Hitachi, Ltd.	06-03-1998		
AL		EP	0883076	A2	International Business Machines	12-09-1998		
AL		WO	95/30961		Tackbary, Mary	11-16-1995		
AL		WO	98/21679		Microsoft Corporation	05-22-1998		
AL		WO	96/38799		Amazon.com	12-05-1996		
AL		EP	0855659	A1	Gabber, Eran	07-29-1998		
AL		EP	0855687	A2	AT&T Corp.	07-29-1998		

Examiner
SignatureDate
Considered

11/14/02

*Examiner. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

1. Unique citation designation number. 2. See attached Kinds of U.S. Patent Documents. 3. Enter Office that issued the document, by the two-letter code (WIPO Standard S 3). 4. For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

→ +

PTO/SB/08B (08-00)
Approved for use through 10/31/2002 OMB 0651-0031
Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE
A collection of information unless it displays a valid OMB control number

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	09/672,523
				Filing Date	September 27, 2000
				First Named Inventor	Kuriacose Joseph, et al.
				Group Art Unit	3626
				Examiner Name	Kalinowski, A.
				Attorney Docket Number	5214P001R
Sheet	2	of	2		

[illegible]

Examiner Signature	<i>Alexander Galanov</i>	Date Considered	<i>11/14/02</i>
-----------------------	--------------------------	--------------------	-----------------

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number ²Applicant is to place a check mark here if English language Translation is attached

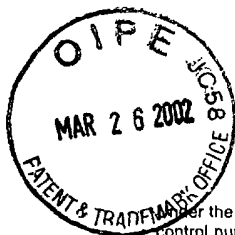
Burden Hour Statement This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

[illegible]

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/08A (10-01)
Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	09/672,523	
			Filing Date	09/27/2000	
			First Named Inventor	Kuriacose Joseph	
			Art Unit	2761	
			Examiner Name	Kalinowski, A.	
Sheet	1	of	5	Attorney Docket Number	5214P001R

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
OK	1	US- 3,803,491	04.09.1974	Osborn	RECEIVED APR 01 2002 Technology Center 2
OK	2	US- 3,891,792	06.24.1975	Kimura	
OK	3	US- 4,264,925	04.28.1981	Freeman et al.	
OK	4	US- 4,323,922	04.06.1982	den Toonder et al.	
OK	5	US- 4,528,589	07.09.1985	Block et al.	
OK	6	US- 4,724,521	02.09.1988	Carron et al.	
OK	7	US- 4,851,994	07.25.1989	Toda et al.	
OK	8	US- 4,935,870	06.19.1990	Burk, Jr. et al.	
OK	9	US- 4,937,784	06.26.1990	Masai et al.	
OK	10	US- 4,965,825	10.23.1990	Harvey et al.	
OK	11	US- 4,991,011	02.05.1991	Johnson et al.	
OK	12	US- 5,003,591	03.26.1991	Kaufman et al.	
OK	13	US- 5,036,314	07.30.1991	Barillari et al.	
OK	14	US- 5,129,080	07.07.1992	Smith	
OK	15	US- 5,132,992	07.21.1992	Yurt et al.	
OK	16	US- 5,191,410	03.02.1993	McCalley et al.	
OK	17	US- 5,191,573	03.02.1993	Hair	
OK	18	US- 5,195,092	03.16.1993	Wilson et al.	
OK	19	US- 5,204,947	04.20.1993	Bernstein et al.	
OK	20	US- 5,233,654	08.03.1993	Harvey et al.	

RECEIVED

APR 01 2002

Technology Center 200

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	-Number ⁴ -	Kind Code ⁵ (if known)				
OK OK OK OK OK OK OK OK OK OK	21	EP	0 145 063	A2	06.19.1985	International Standard Electric Corporation		
	22	EP	0 145 063	B1	06.19.1985	International Standard Electric Corporation		
	23	EP	0 570 683	A2	11.24.1993	International Business Machines Corporation		
	24	EP	0 570 683	A3	11.24.1993	International Business Machines Corporation		
	25	EP	0 583 186	B1	02.16.1994	Queniat, Jean-François		
	26	EP	0 399 300	A2	11.28.1990	Hitachi, LTD.		
	27							
	28							
	29							
	30							

Examiner Signature	<i>Wendell K. Kuriacose</i>	Date Considered	11/14/02
---------------------------	-----------------------------	------------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional) ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 20 hours to complete Time will vary depending upon the needs of the individual case Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231



PTO/SB/088 (10-01)
Approved for use through 10/31/2002 OMB 0651-0031
U S Patent and Trademark Office: U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO		Complete if Known			
		Application Number	09/672,523		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	09/27/2000		
		First Named Inventor	Kuriacose Joseph		
(use as many sheets as necessary)		Group Art Unit	2761		
		Examiner Name	Kalinowski, A		
Sheet	2	of	5	Attorney Docket Number	5214P001R

RECEIVED

APR 01 2002

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
Re	31	Green N, Hedger J, "ORACLE on Independent Television" Sept. 1976.
Re	32	Hedger, J, "Broadcast Telesoftware: Experience with ORACLE" Online conferences Ltd., 1980.
Re	33	Ammar M H, Wong JW, "The Design of Teletext Broadcast Cycles" Elsevier Science Publishers B.V., 1985 (Received May 13, 1984). [Wong's group, Dept of Computer Science, University of Waterloo, Ontario, Canada]
Re	34	Gifford D K, Lucassen J M, Berlin S T, "The Application of Digital Broadcast Communication to Large Scale Information Systems" IEEE Journal on Selected Areas in Communications, Vol. SAC-3, No. 3, May 1985 (received Sept. 19, 1984). [MIT lab, Gifford's group]
Re	35	Wong J W, "Broadcast Delivery" Proceedings of IEEE, Vol. 76, No. 12, Dec 1988 (Received April 15 1988).
Re	36	Herman G, Gopal G, Lee K C, Weinrib A, "The Datacycle Architecture for Very High Throughput Database Systems" Proceedings of Association for Computing Machinery Special Interest Group on Management of Data, 1987 Annual Conference, San Francisco, May 27-29, 1987 [Bell Lab, Herman & Gopal's group, Bell Communications Research, Inc., Morristown, NJ]
Re	37	Gifford D K, "Polychannel Systems for Mass Digital Communication" Communications of ACM, Vol. 33, Number 2, Feb. 1990. [MIT lab, Gifford's group]
Re	38	Bowen T F, Goapl G, Herman G, Hickey T, Lee K C, Mansfield W H, Raitz J, Weinrib A, "The Datacycle Architecture" Communications of the ACM, Vol. 35, No. 12, Dec. 1992.
Re	39	Antonelli C J, Honeyman P, "Integrating Mass Storage and File Systems", Proceedings, Twelfth IEEE Symposium on Mass Storage Systems, April 26-29, 1993, Monterey, CA.
Re	40	Zdonik S, "Are 'Disks in the Air' Just Pie in the Sky?" IEEE, Workshop on Mobile Computing Systems and Applications, Santa Cruz, CA, Dec. 1994. [Brown's lab, Zdonik's Group, Dept. of Computer Science, Brown Univ., affiliated with Dept. of Computer Science, University of Maryland]
Re	41	Acharya S, Alonso R, Franklin M, Zdonik S, "Broadcast Disk: Data Management for Asymmetric Communication Environments" Proceedings of the ACM SIGMOD International conference on Management of Data, San Jose, CA May 1995 (first published in Brown University Technical Report CS-94-43, October 1994).

Technology Center 2100

Examiner Signature	<i>[Signature]</i>	Date Considered	11/14/02
--------------------	--------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement This form is estimated to take 2.0 hours to complete Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U S Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231



PTO/SB/08A (10-01)
Approved for use through 10/31/2002 OMB 0651-0031
U S Patent and Trademark Office U S DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/672,523		
		Filing Date	09/27/2000		
		First Named Inventor	Kuriacose Joseph		
		Art Unit	2761		
		Examiner Name	Kalinowski, A.		
Sheet	3	of	5	Attorney Docket Number	5214P001R

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
Al	1	US- 5,343,239	08.30.1994	Lappington et al.	
Al	2	US- 5,440,744	08.08.1995	Jacobson et al.	
Al	3	US- 5,539,449	07.23.1996	Blahut et al.	
Al	4	US- 5,548,532	08.20.1996	Menand et al.	
Al	5	US- 5,600,364	02.04.1997	Hendricks et al.	
Al	6	US- 5,666,293	09.09.1997	Metz et al.	
Al	7	US- 5,729,549	03.17.1998	Kostreski et al.	
Al	8	US- 5,734,589	03.31.1998	Kostreski et al.	
Al	9	US- 5,768,539	06.16.1998	Metz et al.	
Al	10	US- 5,805,825	09.08.1998	Danneels et al.	
Al	11	US- 5,822,324	10.13.1998	Kostreski et al.	
Al	12	US- 5,826,166	10.20.1998	Brooks et al.	
Al	13	US- 5,951,639	09.14.1999	MacInnis	
Al	14	US- 5,973,684	10.26.1999	Brooks et al.	
Al	15	US- 5,978,855	11.02.1999	Metz et al.	
Al	16	US- 6,130,898	10.10.2000	Kostreski et al.	
Al	17	US- 6,185,585 B1	02.06.2001	Sequeira	
Al	18	US- 6,195,364 B1	02.27.2001	Brodigan	
Al	19	US- 6,222,530 B1	04.24.2001	Sequeira	
Al	20	US- 5,936,659	08-10-1999	Viswanathan et al.	

RECEIVED

APR 01 2002

Technology Center 2100

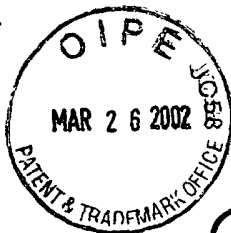
FOREIGN PATENT DOCUMENTS						
Examiner Initials ²	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					

Examiner Signature	<i>Alexander Calabrese</i>	Date Considered	11/14/02
--------------------	----------------------------	-----------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional) ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible ⁶ Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U S Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO		Complete if Known			
		Application Number	09/672,523		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	09/27/2000		
		First Named Inventor	Kuriacose Joseph		
		Group Art Unit	2761		
		Examiner Name	Kalinowski, A		
Sheet	4	of	5	Attorney Docket Number	5214P001R

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
de	31	Acharya S, Alonso R, Franklin M, Zdonik S, "Dissemination-based Data Delivery Using Broadcast Disks" IEEE Personal Communications, Vol. 2(6), 50-60, 1995.	
de	32	Imielinski T, Viswanathan S, Badrinath B R, "Power Efficient Filtering of Data on Air" Advances in Database Technology - EDBT '94, Proceedings, 4th International conference on Extending Database Technology, Cambridge, United Kingdom, March 28-31, 1994. [Rutger's group, Imielinski's lab, Dept. of Computer Science, Rutgers University]	
de	33	Imielinski T, Viswanathan S, Badrinath B R, "Energy Efficient Indexing on Air" Proceedings of the 1994 ACM SIGMOD, International Conference on Management of Data, Minneapolis, Minnesota, May 24-27, 1994.	
de	34	Imielinski T, Badrinath B R, "Mobile Wireless Computing" Communications of the ACM, Vol. 37, No. 10, October 1994.	
de	35	Dr. Hisham El-Shishiny, et al., "A Regional Broadcast-Centric Education System", IEEE Symposium on Computers and Communications, Alexandria, Egypt, July 1-3, 1997.	
	36		
	37		
	38		
	39		
	40		
	41		

RECEIVED

APR 01 2002

Technology Center 2100

Examiner Signature	<i>Alexander Kalinowski</i>	Date Considered	<i>4/16/02</i>
--------------------	-----------------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement This form is estimated to take 20 hours to complete Time will vary depending upon the needs of the individual case Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231 DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			Complete if Known		
			Application Number	09/672,523	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	09/27/2000	
			First Named Inventor	Kuriacose Joseph	
(use as many sheets as necessary)			Art Unit	2761	
			Examiner Name	Kalinowski, A.	
Sheet	5	of	5	Attorney Docket Number	5214P001R

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
de de de de	1	US- 6,240,448 B1	05-29-2001	Imielinski et al.	
	2	US- 5,706,435	01-06-1998	Barbará et al.	
	3	US- 5,168,356	12-01-1992	Acampora et al.	
	4	US- 5,581,704	12-03-1996	Barbará et al.	
	5	US-			
	6	US-			
	7	US-			
	8	US-			
	9	US-			
	10	US-			
	11	US-			
	12	US-			
	13	US-			
	14	US-			
	15	US-			
	16	US-			
	17	US-			
	18	US-			
	19	US-			
	20	US-			

RECEIVED

APR 01 2002

Technology Center-2100

FOREIGN PATENT DOCUMENTS						
Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					

Examiner Signature	<i>de la Cruz</i>	Date Considered	<i>11/14/01</i>
---------------------------	-------------------	------------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609 Draw line through citation if not in conformance and not considered Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04 ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible ⁶ Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO Assistant Commissioner for Patents, Washington, DC 20231